

IN THE CLAIMS

Please amend the Claims as follows:

1. (Presently Amended) A lock (10) for an opening leaf of a motor vehicle, ~~of the type~~ comprising:

- operating means (12) for opening from the outside of the motor vehicle and operating means (14) for opening from the inside of the motor vehicle,
- a primary lever (16) which is mounted so that it can pivot about a fixed primary pin (18), between an angular unlocking position and an angular locking position, in order to inhibit the means (12) for operating from the outside,
- a secondary lever (22) which is mounted so that it can pivot about a fixed secondary pin (24), substantially parallel to the primary pin (18), between an angular unlocking position and an angular locking position, in order to inhibit the means (14) for operating from the inside,
- a driving member (30) which is connected to the primary lever (16) in order to directly pivot the primary lever (16), from its locking position toward its unlocking position, during an operating phase referred to ~~[[as]]~~ an outside unlocking phase, ~~characterized in that wherein~~ a connection means (34) is arranged between the primary lever (16) and the secondary lever (22) so as to link the angular displacement of the two levers (16, 22) during ~~[[an]]~~ the outside unlocking phase, with the aim of bringing about global unlocking of the lock (10) ~~consisting in~~ by pivoting the two levers (16, 22) from their respective locking positions toward their respective unlocking positions;

wherein the connection means is a link rod which comprises a point of articulation on the primary lever and a point of articulation on the secondary lever whereby the position of the

articulation points of the link rod is selected so that, during the global unlocking phase, the secondary lever reaches its unlocking position before the primary lever reaches its unlocking position.

2-3 Cancelled.

4. (Currently amended) ~~The lock (10) as claimed in claim 3, characterized in that:~~

A lock for an opening leaf of a motor vehicle:

operating means for opening from the outside of the motor vehicle and operating means for opening from the inside of the vehicle,

a primary lever which is mounted so that it can pivot about a fixed primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the outside,

a secondary lever which is mounted so that it can pivot about a fixed secondary pin, substantially parallel to the primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the inside,

a driving member which is connected to the primary lever in order to directly pivot the primary lever, from its locking position toward its unlocking position, during an operating phase referred to an outside unlocking phase, wherein a connection means is arranged between the primary lever and the secondary lever so as to link the angular displacement of the two levers during the outside unlocking phase, with the aim of bringing about global unlocking of the lock by pivoting the two levers from their respective locking positions toward their respective unlocking positions; the connection means is a link rod which comprises a point of articulation

on the primary lever and a point of articulation on the secondary lever and the position of the articulation points of the link rod is selected so that, during the global unlocking phase, the secondary lever reaches its unlocking position before the primary lever reaches its unlocking position; and

- the link rod (34) is articulated at a fixed point (36) of the primary lever (16),
- the link rod (34) is articulated on the secondary lever (22) by means of an axial peg (42) which is borne by the link rod (34) and which interacts with an edge (54) of a slot (44) made in the secondary lever (22), so that the link rod (34) links the angular displacement of the two levers (16, 22) only during the global unlocking phase.

5. (Currently amended) The lock (10) as claimed in claim 4, ~~characterized in that~~ wherein the edge (54) of the slot (44) is a cam which is configured so that, during the global unlocking phase, the radial distance (R) between the peg (42) and the secondary pin (24) increases, with the aim of allowing the primary lever (16) to continue its pivoting motion as far as its unlocking position, after the secondary lever (22) has reached its unlocking position.

6. (Currently amended) The lock (10) as claimed in claim 5, ~~characterized in that~~ wherein the cam (54) comprises a final portion (60) relative to the global unlocking phase, which describes a defined angle (β , β') with respect to the direction (H'H) of displacement of the link rod (34); depending on the angular position of the secondary lever (22) during the global unlocking phase, and in that said angle (β , β') is:

- greater than or equal to ninety degrees, at the start of the global unlocking phase, when the secondary lever (22) occupies its locking position,

- less than ninety degrees, during the final step of the global unlocking phase, when the secondary lever (22) wholly occupies its unlocking position and the primary lever (16) does not yet occupy its locking position, so that, during the final step of the global unlocking phase, the peg (42) is displaced wholly radially outward with respect to the secondary pin (24), remaining in circumferential contact with the final portion (60) of the cam (54), in the direction of unlocking of the secondary lever (22).

7. (Currently amended) The lock (10) as claimed in claim 6, ~~characterized in that~~ wherein the final portion (60) of the cam (54) is substantially rectilinear and parallel to a radial direction of the secondary pin (24), so that, during the final step of the global unlocking phase, the peg (42) is displaced in said radial direction with respect to the secondary pin (24).

8. (Currently amended) The lock (10) as claimed in claim 5, ~~characterized in that~~ wherein the cam (54) wholly forms a V, and in that, when the two levers (16, 22) occupy their respective locking positions, the peg (42) bears in the angle of the V (56) formed by the cam (54).

9. (Currently amended) The lock (10) as claimed in claim 4, ~~characterized in that~~ wherein, when the two levers (16, 22) occupy their respective unlocking positions, the peg (42) is housed in the slot (44) with a radial clearance, on the side directed away from the secondary pin (24).

10. (Currently amended) The lock (10) as claimed in claim 8, ~~characterized in that~~
wherein each lever (16, 22) comprises two opposed circumferential stops which wholly
determine the associated angular locking and unlocking positions.

11. (Currently amended) The lock (10) as claimed in claim 1, ~~characterized in that~~
wherein said lock comprises means designed to make the secondary lever bistable.

Please add new claims 12-20 as follows.

12. (NEW) The lock as claimed in claim 1, wherein said primary and secondary levers
include opposing circumferential stops which determine an associated angular locking and
unlocking position.

13. (NEW) The lock according to claim 1, wherein said link rod is directly pivotally
connected at a fixed location to said primary lever.

14. (NEW) The lock according to claim 13, wherein said link rod is directly displaceably
connected to said secondary lever.

15. (NEW) The lock according to claim 1, wherein said driving member includes a
transfer lever in turn driven by a key operated cylinder, whereby pivoting of said cylinder
actuates transfer lever thereby mechanically driving said primary lever about said fixed primary
pin.

16. The lock according to claim 15, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.

17. (NEW) The lock according to claim 1, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.

18. (NEW) The lock according to claim 14, wherein said driving member includes a transfer lever in turn driven by a key operated cylinder, whereby pivoting of said cylinder actuates transfer lever thereby mechanically driving said primary lever about said fixed primary pin.

19. (NEW) The lock according to claim 18, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.

20. (NEW) The lock according to claim 19, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.